

Intermittent Whistle Noise Through Vents With Air Conditioning ON

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2023	Tacoma	

REVISION NOTICE

November 07, 2022 Rev1:

- Applicability has been updated to include 2023 model year Tacoma vehicles.
- Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2016 – 2023 model year Tacoma vehicles may exhibit what customers describe as a 1 – 3-second whistle noise from the HVAC system when the air conditioning system is ON. The whistle noise may occur as the compressor cycles on and off and is more prevalent with increased engine RPM during hot ambient temperatures. Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
883611	R & R HVAC Evaporator Sub-assy	*	88511-04020	91	99

*See the flat rate manual.

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
88511-04020	88501-04070	Evaporator Sub-assy	1

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVI*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 17.20.013 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER
Robinair R1234YF A/C Machine	ADE	ROB118150008

NOTE

Additional refrigerant service equipment may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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Repair Procedure

1. Confirm the condition exists.
 - A. Turn the vehicle ON.
 - B. Leave the vehicle running in Park (P) and ensure the brake is firmly applied.
 - C. Turn the air conditioning ON and set the temperature to low.
 - D. Slowly bring the engine speed to 3,000 RPM and hold it at 3,000 RPM until the compressor begins to cycle on and off.

Is there a 1 – 3-second whistle noise heard from the air conditioning system each time the compressor cycles on and off during hot ambient temperatures?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Remove the air conditioning unit.

Refer to TIS, applicable model and model year Repair Manual:

- [2016 / 2017 / 2018 / 2019 / 2020 / 2021 / 2022 / 2023](#) Tacoma:
*Vehicle Interior – Heating/Air Conditioning – “Air Conditioning:
Air Conditioning Unit: Removal”*

3. Remove the evaporator core.

Refer to TIS, applicable model and model year Repair Manual:

- [2016 – 2023](#) Tacoma:
*Vehicle Interior – Heating/Air Conditioning – “Air Conditioning:
Air Conditioning Unit: Disassembly”*

4. Install the NEW evaporator core.

Refer to TIS, applicable model and model year Repair Manual:

- [2016 – 2023](#) Tacoma:
*Vehicle Interior – Heating/Air Conditioning – “Air Conditioning:
Air Conditioning Unit: Reassembly”*

5. Reinstall the air conditioning unit.

Refer to TIS, applicable model and model year Repair Manual:

- [2016 / 2017 / 2018 / 2019 / 2020 / 2021 / 2022 / 2023](#) Tacoma:
*Vehicle Interior – Heating/Air Conditioning – “Air Conditioning:
Air Conditioning Unit: Installation”*

6. Confirm the whistle noise is no longer present by repeating step 1.